

UniTRACK

NUCLEAR SERVICES NEWS

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Stewards of the Environment UniTech Facilities and Products Rise to the Challenge

We all want a healthy planet. As a business, UniTech is in a position to make a real difference. That's why we demonstrate our commitment to the environment by maintaining an ISO certified operation. We operate all our facilities in compliance with ISO 9001:2000 quality standards and the ISO 14001 environmental standards.

Greening our offices and plants

We operate structured programs for pollution prevention, compliance with applicable legal and other requirements, and continual improvement in our environmental performance.

In our offices and plants, we've made major strides toward being green. Our corporate offices now feature sensors on office lighting to go out when a room is not used for five minutes. We recycle cardboard, fluorescent light bulbs and printer cartridges, have installed energy efficient dryers for special H3 suits, are updating toilets to reduce flow, as well as boilers and hot water tanks to save energy, and much more. The process, of course, is continual.



Developing products that respond to environmental challenges

GripTech Kevlar gloves: An important customer, Exelon, identified a problem. The plant was spending a lot of money and generating a significant amount of radioactive waste because workers were bringing a variety of work gloves into the contaminated area, including leather

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Exelon Awards UniTech for Environmental Leadership



Exelon Corporation, one of the nation's largest nuclear power providers, has given UniTech an environmental leadership award. In presenting the award, Exelon recognized UniTech's long record of providing protective clothing and decontamination services that are environmentally responsible, safe and of superior quality.

UniTech Vice President George Bakevich attributed the award to our corporate philosophy, which calls for Total Customer Satisfaction and always "doing it right the first time." "We're honored to receive such a prestigious award from Exelon," Bakevich said. "Our essential mission has always been, and always will be, to help our customers make their work places safe for their employees and the communities in which they conduct business."

Exelon, which provides approximately 20 percent of the nation's nuclear power capacity, has a policy to partner with businesses that, like UniTech, are dedicated to environmental excellence while providing quality products and services. ■■



From left to right: Dave O'Brien, Exelon VP Supply Operations and Sourcing - Generation; UniTech's Gregg Johnstone, Director of Marketing and, George Bakevich, Vice President; and Amir Shahkarami, Exelon Senior VP Engineering and Technical Services commemorate this important award.



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Stewards of the Environment

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work gloves, cotton work gloves, knit gripper gloves, and Kevlar work gloves. This increased both waste and costs. In response, UniTech came up with a Kevlar dipped glove, color coded by size. This glove can be laundered and offers cut resistance, puncture resistance and a comfortable (knit back of hand) dipped palm for good dexterity as well as protection. These gloves can be reused over 20 times.



UniStock small item dispenser: Rubber protective clothing items such as gloves and shoes will deteriorate over time because of breakdown by UV light. Disposing of these items can then generate radioactive waste. When these small items are issued out of containers that are difficult to reach into and retrieve from, some stock lays stagnant and accelerated degradation occurs. UniStock small item dispenser provides an ergonomic way of loading and issuing the rubber and other small items, maximizing inventory rotation. Easy-to-use UniStock helps reduce the radioactive waste associated with degraded rubber items.

CoolTech Scrubs MicroDenier, wickable launderable garment: Worn onsite under protective clothing for work in protected areas, this product replaces single-use scrubs. The comfortable synthetic fiber maintains its properties and appearance through 100 or more launderings, again reducing the waste put into the environment – and providing significant cost savings, too.

We're always looking for ways to be green. We value our customers' input as we work together to create a safer, cleaner environment. ■ ■

Introducing...

Total Onsite Clothing Management Program

Nuclear plants are doing more with less these days. That sometimes means that staff to manage protective clothing and accessories is in short supply – especially during outages, when coordination is needed most.

UniTech recognized this problem, and we soon realized that we can provide a solution for our customers. The solution is our new Total Onsite Clothing Management Program, and it works in concert with our successful One Program. For customers who will benefit from comprehensive clothing management services, UniTech offers the opportunity to add to their regular One Program and enjoy a full management system that includes:

- A professional team from UniTech, working onsite at your plant every day of an outage to manage your protective clothing and accessories
- UniTech's on-site coordination of receiving and shipping
- Distribution of clothing and inventory management
- UniTech's professional support in minimizing Personal Contamination Events (PCEs) – we share the knowledge we've gained from working with plants around the world, as well as learning what's occurring at your facility. For example, we interview staff, recommend appropriate clothing options to help minimize PCEs and even use and demonstrate cleaning implements for an improved process
- Optionally, customers may add the Mobile Safety Store to this program, so that the UniTech team also provides management and on-time delivery of consumable products

Two of our customers have already taken advantage of the new Total Clothing Management Program during their outages: San Onofre Nuclear Generating Station (SONGS) in California and FPL St. Lucie in Florida. According to Tanya French, UniTech's onsite coordinator for the FPL St. Lucie outage, "I think that the physical presence of UniTech professionals is the most valuable part of this program. For example, I can promptly investigate any PCE and propose corrective actions including different types of protective clothing or decontamination products. You name it – I'll help make sure it goes right." ■ ■



Start with UniTech's One Program...

Avoid both the capital expense of buying and the commitment of leasing! Here's how the One Program works:

- We calculate the number of coveralls and accessories you need each day during your outage
- We provide MORE THAN ENOUGH coveralls and accessories to meet your needs between deliveries
- We pick up used coveralls and accessories and deliver new supplies as needed
- You pay ONLY a cost-per-use charge for the items processed
- The cost includes: coverall and accessory use, laundering, transportation, radwaste disposal... all rolled into the economical ONE PROGRAM cost

... Then, add the Total Onsite Clothing Management Program and you've made outage clothing coordination simple and problem-free. Call your UniTech account manager or our corporate sales group at (413) 543-6911 to learn more.

New! The Only Launderable Air Fed Suits

ProVent Central and ProVent Mistral

Having recently completed usage trials and gained CE certification in Europe, UniTech's new launderable air fed suits will become available in North America as well.

Among the suits' chief advantages is a design that allows them to be safely laundered, saving money and reducing the radwaste associated with disposable air fed suits.

The new suits will be available in two versions, differing only in the air supply system included:

ProVent Central: This suit employs the customers' central air supply system. The air is distributed to the user's face, arms and legs by an appropriate air distribution device.

ProVent Mistral: This suit employs the new Mistral air blower system. It is worn on top of a backpack air distribution device called "Mistral". Because the suit is independent from central air supply, the worker can move more freely within the workplace. Long lasting batteries allow operating times up to 8 hours.

These suits offer safety and cost-effective use:

- An additional inner hood is worn inside the suit. This helps prevent personal contamination events (PCEs) because the suit allows air flow inside the inner hood to continue as long as necessary while the outer suit is taken off.
- The material of these washable suits is coated inside and outside for easy decontamination.
- The user can wear safety shoes inside or outside the suit's boots.
- Both the gloves and boots are removable for laundering. In addition, they can be replaced if they become damaged or highly contaminated.
- The air pressure inside the suit is released through several valves as needed.
- Customers enjoy reduced costs – both overall garment costs and waste costs are lower than with disposables.



Gloves and boots are removable for laundering.



Mistral air blower system.



ProVent Mistral.

- Suits are lightweight and comfortable.
- All-around transparent visor assures that the user has good visibility.
- Suits are available in four sizes (L, XL, 2XL, 3XL).

According to Stefan Beil, ENS Quality Manager, "We've worked long and hard to make sure our launderable air fed suits can easily address the work situations our customers experience, while saving on both money and waste. For this reason, UniTech is confident that these intelligently designed suits will become a preferred choice for customers." ■■

QA Brief: ISO Re-Certification

Each year three UniTech/ENS facilities are audited for ISO 9001 and ISO 14001 compliance. This time, the ENS locations Coevorden, The Netherlands, Ellgau, Germany and Oakdale, UK will be audited by ISOQAR.

ISO 9001 certification indicates that UniTech/ENS has the ability to consistently provide products and services that meet customer and applicable regulatory requirements. Certification also demonstrates enhanced customer satisfaction through the effective application of the ISO system, including processes for continual improvement and the adherence to customer and regulatory requirements.

ISO 14001 certification attests that UniTech/ENS identifies and controls the environmental impact of its activities, products and services, and continually improves its environmental performance.

Continued certification is one important part of UniTech's promise to provide the best protective clothing and laundry services worldwide.

If you have any quality control questions or concerns, contact UniTech Corporate Quality Manager Jon C. Couillard at 413-543-6911, extension 27. ■■

Upcoming Conferences

U.S.

- Nov. 4-6: ETEBA /Knoxville, TN
- Nov. 9-13: ANS/ENS Winter Mtg. Grand Sierra,Reno NV
- Dec. 2-4: Nuclear Power International/Orlando, FL
- Dec. 9th: ETCHPS Annual Vendor Meeting/Knoxville, TN
- Dec. 9-11: FOMIS
- Dec. 15-18: Perma Fix/Nashville, TN
- Jan. 12-14: ALARA/Fort Lauderdale, FL
- Jan. 14-16: NISHA, FPL Juno Beach, FL
- Jan. 20-21: PWR ALARA/ Orlando, FL

- Jan. 26-28: USA Winter Meeting/ San Deigo, CA
- Jan.31-Feb.3: HPS Midyear on Decomm./ San Antonio, TX
- Mar. 1-5: Waste Management/Phoenix, AZ
- July. 12-16: HPS Meeting/ Minneapolis, MN
- Aug. 16-19: NEI/HP Meeting/ Dana Point, CA

Canada

- May. 23-28: Canadian Radiation Protection/Montreal

Europe

- Oct. 28-30: EPRI 7th Decom. & Radioactive Waste Workshop/France

Recent Contract Highlights

- Atomic Energy of Canada: Lead Wool Blankets & Misc Items
- Hydro Quebec: Launderable Bags
- AECL, New Brunswick: Contract Extension
- Net-Com Solutions: RF Protective Clothing
- Bechtel BWXT: Contract Renewal
- Exelon, Peach Bottom, Oyster Creek, Dresden and LaSalle: Mobile Safety Stores
- PSE&G, Salem: Contract for Tool & Metal Decontamination and Laundry
- CWI, INEL: Respirator Services
- FP&L, St.Lucie: ProTech ONE Program
- Southern Company, Vogtle: DsolvtTech Coveralls, Hoods, & Shoe Covers
- Ameren, Callaway: Cavity Cover Panel
- UT-Battelle: Respirators

New Staff Members at UniTech



Jon Couillard has joined UniTech as Corporate Quality Manager. In this position, he is responsible for quality initiatives, including maintaining an ISO certified operation with ISO 9001:2000 quality standards and ISO 14001 environmental standards, as well as tracking and adhering to all pertinent regulations. Jon works from our Springfield, Massachusetts headquarters. Prior to joining UniTech, Jon was Radiological Engineer at Exelon's Oyster Creek Station. He studied radiological sciences at University of Lowell.

Michael Bernstein has been promoted to Midwest Technical Accounts Manager. In this role, he provides on-and-off-site support to customers, including nuclear generating stations at: Clinton, LaSalle, Braidwood, Limerick, Peach Bottom, Byron, and Oyster Creek, among others. Prior to attaining his new position, Michael was a Territory Sales Representative for our parent company, UniFirst. Michael has a Bachelor of Science degree from Northern Illinois University.



Chris Fern has joined UniTech as Manager of IT and Software Engineering. He works in the Springfield, Massachusetts corporate office and supports the company's ever-growing hardware and software needs. Prior to joining UniTech, Chris was a lead computer technician at Comp USA. Chris currently studies computer science at Springfield Technical Community College. ■■



Sharing Knowledge, Improving Results ENS Users Group Conference Emphasizes Current Issues

With presentations available simultaneously in English, German and French, the September 2008 ENS Users Group Conference highlighted once again that ours is a dynamic, global industry, and that there is a great deal we can learn from one another. This year's two-day conference took place in Telfs, Austria, with participants from Canada, France, Germany, Sweden, Switzerland, the United Kingdom, and the United States.



Presentations included:

- Reducing radioactive waste generation for the Bruce Power Unit 1 and 2 rebuild, Arif Khan, RPM, Canada (presented by Kent Anderson)
- PCE reduction partnership, Andrew Martinez, SONGS, USA
- Experience with external laundry during an outage and extraordinary conditions, Reiner Heinelt, KKW Unterweser, Germany
- Reasons Swedish power plants change to external laundry, Jan Bjerler, COORS Management, Sweden
- Development of a new protective hood, Javaraly Fazileabasse, EDF R&D, France
- External garment management – A single tender action, Gillard Jones, British Nuclear Group, Berkeley Centre, UK
- Mode of operation of the ZWILAG Interim Storage in Wuerenlingen, Werner Fivian, ZWILAG, Schweiz (including site tour)

Interested in attending or presenting at the next Users Group Conference? Contact your UniTech/ENS representative. ■■



Thanks for reading UniTRACK!

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UniTech U.S. Locations

Springfield, MA
Royersford, PA
Oak Ridge, TN
Barnwell, SC
Macon, GA
Morris, IL
Santa Fe, NM
Ontario, CA
Richland, WA

UT-08-006



Certificate number 968/95



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A Subsidiary of UniFirst Corporation



Certificate number 968/95

ISO 9001 & 14001 Certified
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